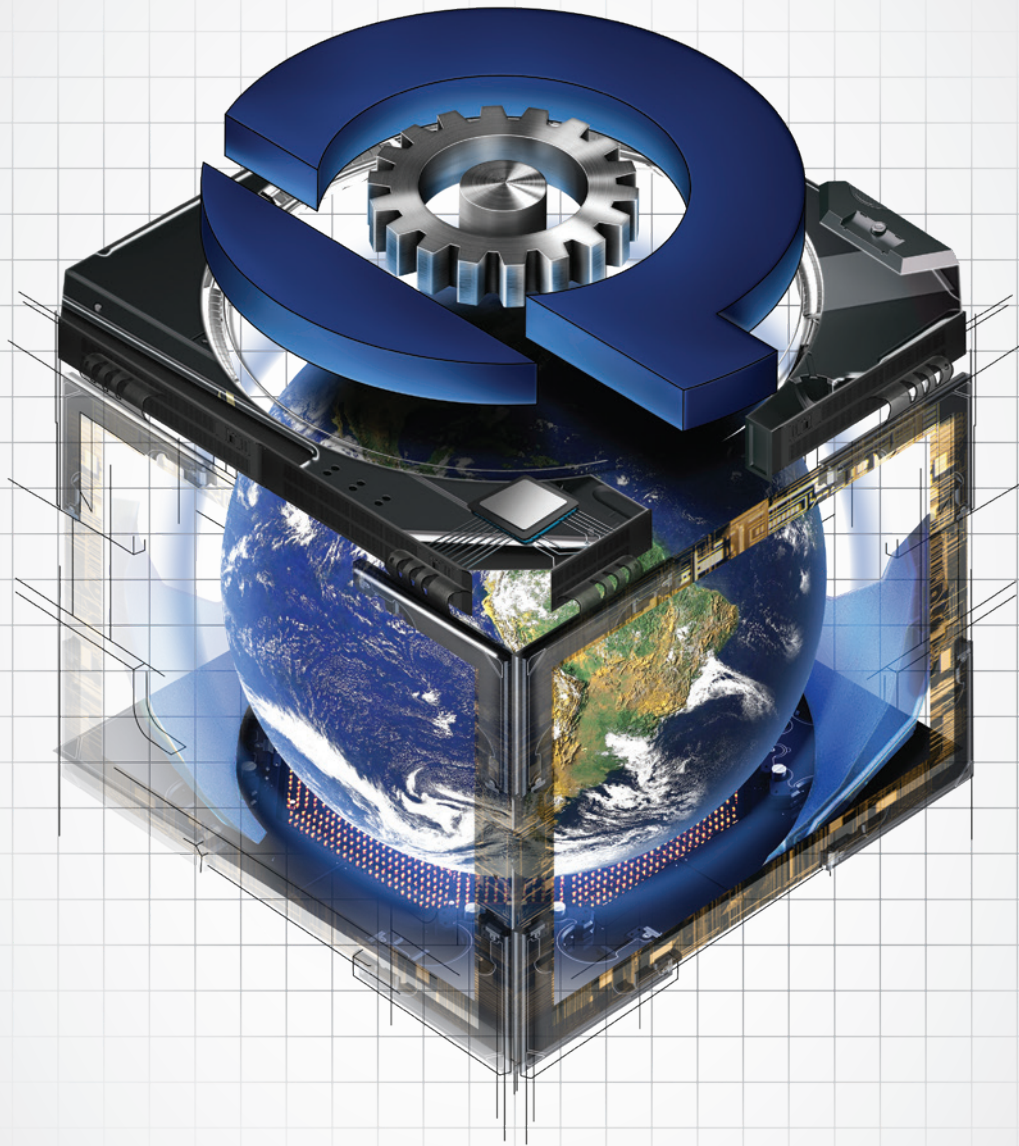


# Any solution, Anywhere™



Interplex

# Customized Applications Solutions Specialist

Interplex is trusted by industry leaders around the world for our top-notch customized application solutions. We work closely with our customers to understand their end applications in order to design, engineer and deliver these solutions to their exacting specifications.

## 60 YEARS OF INDUSTRY LEADERSHIP



### GROUP REVENUE

~US\$1 Billion



### STAFF STRENGTH

13,100



### FOOTPRINT

HQ in Singapore  
30+ manufacturing sites  
in 13 countries

### PRODUCT DEVELOPMENT

9 locations worldwide

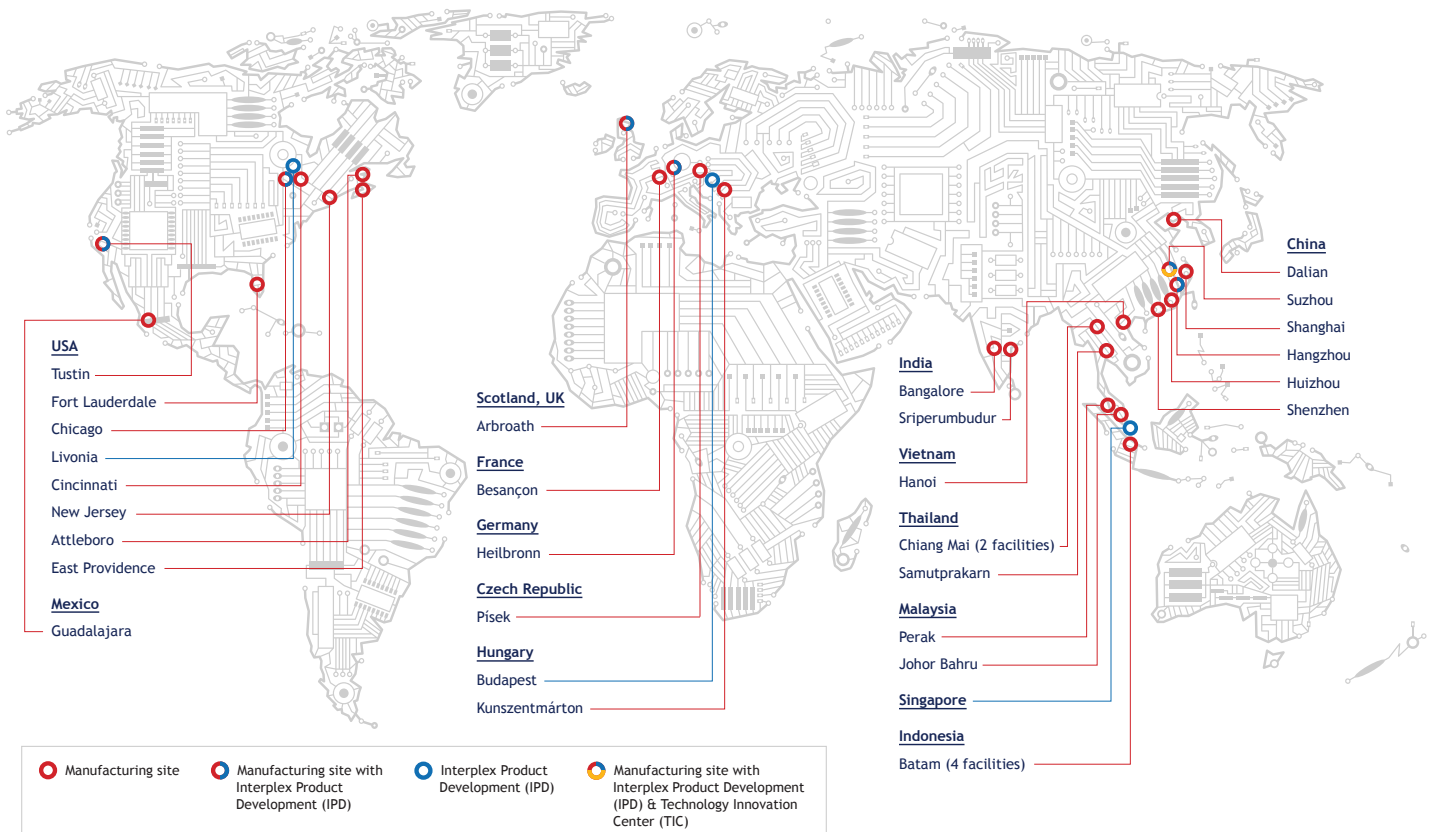
### TECHNOLOGY INNOVATION CENTER

3 locations worldwide



## QUALITY = CUSTOMER TRUST = BUSINESS

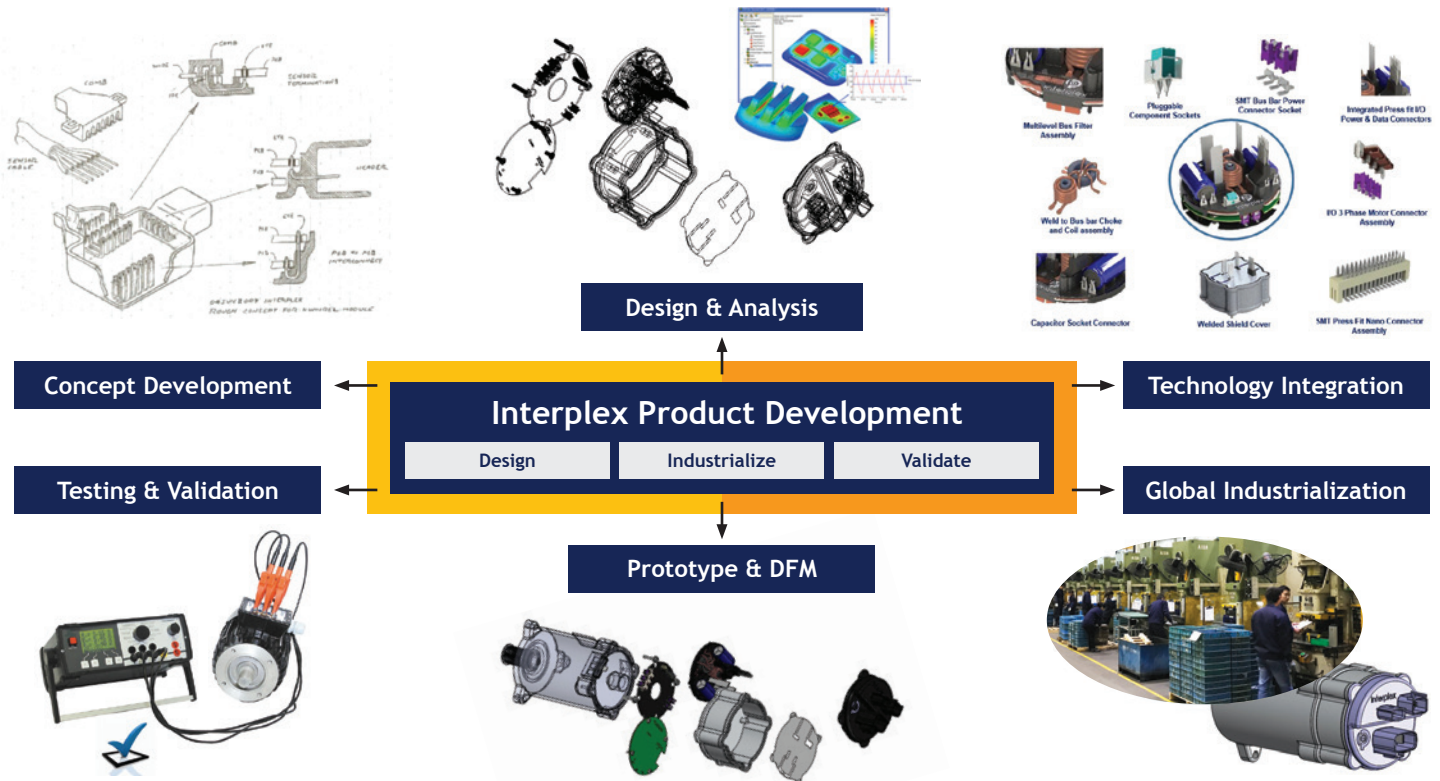
Numerous quality registrations





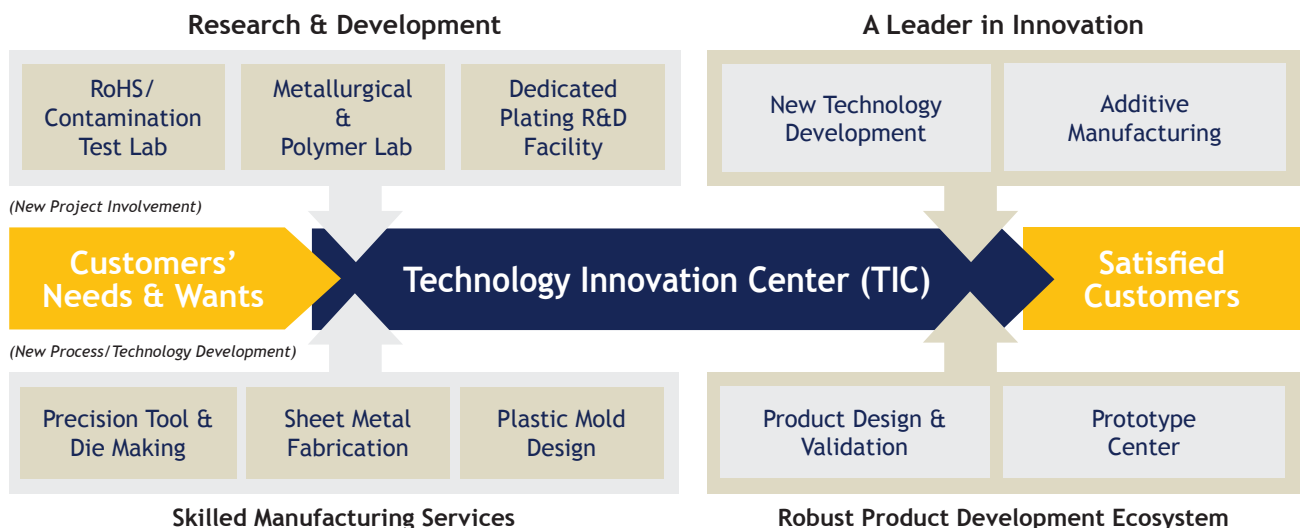
# Interplex Product Development

Interplex Product Development Team offers innovative, applications engineered solutions to our customers' most difficult challenges. Our dynamic team of technical professionals utilizes emerging technologies to develop customized products designed for optimal manufacturability and industrialization. With 9 locations throughout the globe, we bring the highest quality solutions to our customers, wherever they are.



## Technology Innovation Center

Established in 2013, Technology Innovation Center is a one-stop innovative solutions center that is an incubator for new technology and manufacturing processes. It offers customers a comprehensive portfolio of integrated solutions for R&D, product design, prototyping, tooling & mold design & fabrication, process automation & assembly.



# Automotive



Since our inception, Interplex has been a key innovator and trusted supplier to Tier 1 automotive manufacturers. We play a huge part within this ecosystem that supports and supplies to the global marketplace.

Our design and manufacturing capabilities span across a wide range of important solutions for our customers, from advanced electronics and mechanical parts to integration of full turnkey assemblies.

## Fundamentals

- Connector Headers
- Press-Fit
- Shields and Filters
- Motor Connectors
- Mounting Accessories and Guide Rails/Levers
- Support Brackets
- Terminals
- Busbars
- ECU Connectors
- Power Lead Frames
- Sensor Connectors
- Solder and Flux Bearing Edge Clips

### Powertrain

- Bandolier Pins
- Battery Interconnect Systems
- Covers and Lids
- Engine Valve Rotators
- Ignition Coil Enclosures
- Inverters Pedal Solutions
- Powertrain Control Unit Solutions
- Solenoid Solutions
- Start Stop System Connectors

### Safety

- ABS Controller Cartridges
- Airbag Fixtures
- Pin-through-paste Tabs
- Capacitor Carriers
- Heat Sinks
- Seat Belt Solutions

### Steering

- Steering Column Solutions

### Passenger Comfort and Access

- Buttons and Controls
- Locking Accessories
- Motor Enclosures

### Infotainment

- Audio Controller Solutions
- Dashboard Solutions
- Disk Player Solutions

### Chassis and Suspension

- Chassis Bracket
- Chassis Electronics

# Datacom & Telecom



As a leading global solutions provider for the Datacom & Telecom market, Interplex has built reliable track records as the preferred partner in business for major customers around the world.

We produce a vast array of products with applications in various market segments such as data centers, enterprise, storage, cloud services, energy, Point-of-Sale (POS) and infrastructure.

## Servers

- Rack Mount Servers
- Tower Servers

## Storage

- Hard Disk Drive Blanks
- Hard Disk Drive Carriers

## Peripherals

- Cable Management Arms
- CPU Socket ILMs
- LCD Bezels
- Standard Bezels



# Medical & Life Sciences



Interplex offers both depth of knowledge and breadth of experience in the design, engineering and high-quality manufacturing of solutions for diagnostic equipment, surgical devices and consumer medical devices. We understand the quality demands and the competitive pressures faced by medical device makers today and we can help overcome the most difficult challenges.

Our expert medical design engineers can partner closely with customers from the initial concept through product engineering and prototyping to assure that the final devices leverage optimal cleanroom production methods for low-cost, high-yield and defect-free quality results. Our comprehensive design-for-manufacturing approach also minimizes time-to-market and delivers sustainable value over the entire product lifecycle.

## Drug Delivery and Diagnostics

- Battery Contacts
- Circular Connectors
- Drug Delivery Pumps
- Syringe Plungers
- Test Strip Port Connectors

## Surgical and Treatment

- Braided Catheters
- Endoscopy
- Stent Delivery Catheters
- Tracheal
- Vascular

## Durables

- Medical Carts
- Home Therapy

# OUR EXPERTISE



## Industrial

We offer integrated mechanical and electromechanical industrial solutions. Our suite of in-house capabilities include product design, tooling and mold design and fabrication to cater for both high-volume-high-mix and low-volume-high-mix production.



## Consumer Electronics

Interplex provides competitive solutions for the fast-moving consumer products market. Our value propositions enable us to develop and make products that are cost effective, compact, more feature-rich, all while meeting the stringent time-to-market and time-to-volume requirements.



## Enterprise Storage

Interplex is a trusted supplier to the global enterprise storage market, helping to drive down the cost and size of new high-capacity storage devices to serve the escalating flood of data that must be captured, stored and utilized in today's world.



## Imaging & Printing

Interplex is a global solutions provider of advanced imaging and printing products, offering leading product makers with innovative electromechanical solutions for both high-volume and low-volume-high-mix requirements.



## Mobile & Telecommunications

As a key supplier to Tier 1 device makers and subsidiary players throughout the mobile device and telecommunications infrastructure ecosystem, our ongoing design and product innovations are a vital part of the global communications revolution.



	PRODUCTION PLANT & COUNTRIES	ASIA															
		Amlab Singapore	IEB-CE Batam, Indonesia	IPB-Die Cast Batam, Indonesia	IEB-HDD Batam, Indonesia	IPCB Batam, Indonesia	IPB Batam, Indonesia	IEIC Chennai, India	IEIB Bangalore, India	AER Johor Bahru, Malaysia	IEPB Parit Buntar, Malaysia	IPTH Hanoi, Vietnam	Cheval Bangkok, Thailand	Cheval Chiang Mai, Thailand	Aegistek Chiang Mai, Thailand	ISZ Suzhou, China	TIC Suzhou, China
GENERAL PROCESS	DETAILED PROCESS (* Outsourced # Soft Tool ^ CNC Machining)																
Die Casting	Aluminum, Multi Slide Die Casting			■												■	
Plating	Overmolded Lead Frame with Bondable Surface																
	Overmolded Enclosures with Press-Fit								■								
	Etching (Reel-to-reel)																
Tool & Mold Design	R&D, Process Simulation, Automation		■		■				■	■			■		■		■
Plastic Injection Molding	Vertical/Horizontal/Insert/Overmold						■	■	■		■						
Silicone Molding										■							
SBR Molding										■							
Overmolding	Handling and Storage of Electrostatic Components (ESD)								■								
	Functional Test for Passive and Active Components							■	■								
	Stitching																■
	Functional test																
	Tests in series production								■								
Precision Stamping	Single/Stage/Progressive/Robotic Transfer / High-speed/Multi-Slide		■		■			■	■		■	■	■		■	■	
Stamping	Reel-to-reel Stamping		■		■			■	■							■	
	Chemical Panel Stamping																
	Overmolded Lead Frame with Bondable Surface																
	Overmolded Enclosures with Press-Fit								■								
Cold Forging/Forming	Precision Progressive Cold Forging, Horizontal Cold Forming				■												
Precision Machining	Auto Lathe, CNC Milling, CNC Turning					■							■		■		
Tapping	Tapping				■			■	■							■	
Grinding	Single/Double Disc Grind				■												
Deburring	Deburring				■												
Bonding/Joining	Spot Welding/Projection Welding		■								■	■		■	■	■	
	CMT/MIG/TIG Welding		■								■			■	■	■	
	Laser Welding		■														
	Ultrasonic Welding						■										
	Heat Staking						■										
	Mechanical Fastening/Toxing		■								■	■		■	■	■	
Welding, Soldering	Plastic Welding																
	Metal Welding								■								
	Soldering																
Riveting	Riveting							■	■								
Wire Bonding Test	Overmolded Enclosures with Press-Fit																
Prototyping	CNC Laser Cutting/Turret Punching/Bending, Soft Tool		■ #		■ #	■ ^	■ #			■ #	■	■ #		■	■	■ #	■
	Conformal cooling																■
Surface Treatment	Electroless Nickel Plating				■				■								
	Zinc Plating														■		
	Anodizing		■														
	Spray Painting		■				■				■			■	■	■	
	Powder Coating															■	
	Heat Treatment		■		■	■			■			■					
	Laser Marking		■														
	Silkscreen/Tempo/Pad Printing		■				■				■						
Mechanical & Product Assembly	Enterprise Servers, Rack and Enclosures, Garment Care, Oral Healthcare, Medical Carts		■								■		■	■	■	■	
IDC (Insulation Displacement Connector)	Stamping																
	Plating																
	Stitching																
	Functional Test																
	Tests in Series Production																
	Non Vacuum Processes																
Additional Processes	Tempering																
	Flex Circuits																
	Broaching																
	Cleanliness Testing																
Functional Tests	Washing/Degreasing		■		■	■		■	■		■	■				■	
	Hi-Pot, Electrical and Continuity							■	■								
	Contact Pressure								■								
	Automated Vision Inspection and Measurement								■								
Laboratory Testing	Micro Contamination, Environmental, RoHS	■															
Traceability	Lot Traceability							■	■								
	Part Traceability							■	■								
Others	Sales and Technical Office								■								



	PRODUCTION PLANT & COUNTRIES	ASIA				EUROPE					NORTH AMERICA						
		IMS Shanghai, China	IHL Huizhou, China	HTL Huizhou, China	IEH Hangzhou, China	IPECR Pisek, Czech Rep	SOPREC Besançon, France	PMP Arbroath, Scotland (UK)	IHUN Kunszentmárton, Hungary	ING Heilbronn, Germany	Sunbelt Florida, USA	NAS New Jersey, USA	IEP Rhode Island, USA	Daystar Chicago, USA	Etch Logic Massachusetts, USA	NASCAL California, USA	IMX Guadalajara, Mexico
GENERAL PROCESS	DETAILED PROCESS (* Outsourced # Soft Tool ^ CNC Machining)																
Die Casting	Aluminum, Multi Slide Die Casting																
Plating	Overmolded Lead Frame with Bondable Surface				■		■*	■	■*			■*	■				
	Overmolded Enclosures with Press-Fit				■		■*	■			■*	■*	■	■*		■*	■*
	Etching (Reel-to-reel)														■		
Tool & Mold Design	R&D, Process Simulation, Automation																
Plastic Injection Molding	Vertical/Horizontal/Insert/Overmold	■				■											
Silicone Molding																	
SBR Molding																	
Overmolding	Handling and Storage of Electrostatic Components (ESD)				■				■				■				
	Functional Test for Passive and Active Components				■								■				
	Stitching				■			■			■	■	■	■		■	■
	Functional test				■		■	■		■	■	■	■	■		■	■
	Tests in series production				■		■	■			■	■	■	■		■	■
Precision Stamping	Single/Stage/Progressive/Robotic Transfer / High-speed/Multi-Slide	■	■	■	■	■	■	■	■		■	■	■	■		■	■
Stamping	Reel-to-reel Stamping	■			■		■	■	■		■	■	■	■		■	■
	Chemical Panel Stamping				■												
	Overmolded Lead Frame with Bondable Surface				■		■	■	■			■	■				
	Overmolded Enclosures with Press-Fit				■		■	■			■	■	■	■		■	■*
Cold Forging/Forming	Precision Progressive Cold Forging, Horizontal Cold Forming	■		■													■
Precision Machining	Auto Lathe, CNC Milling, CNC Turning																
Tapping	Tapping	■	■	■	■	■	■	■	■		■	■	■	■		■	■
Grinding	Single/Double Disc Grind																
Deburring	Deburring					■											
Bonding/Joining	Spot Welding/Projection Welding	■	■	■		■											
	CMT/MIG/TIG Welding	■	■			■											
	Laser Welding	■														■	■
	Ultrasonic Welding																
	Heat Staking															■	
	Mechanical Fastening/Toxing	■	■	■		■											
Welding, Soldering	Plastic Welding				■			■	■								
	Metal Welding				■		■*	■	■		■					■	■
	Soldering				■											■	
Riveting	Riveting				■		■		■		■			■			■
Wire Bonding Test	Overmolded Enclosures with Press-Fit				■			■				■*	■				
Prototyping	CNC Laser Cutting/Turret Punching/Bending, Soft Tool	■#	■#	■#		■#											
	Conformal cooling																
Surface Treatment	Electroless Nickel Plating			■													
	Zinc Plating																
	Anodizing																
	Spray Painting																
	Powder Coating	■															
	Heat Treatment	■															
	Laser Marking	■	■			■											
	Silkscreen/Tempo/Pad Printing	■															
Mechanical & Product Assembly	Enterprise Servers, Rack and Enclosures, Garment Care, Oral Healthcare, Medical Carts	■	■			■											
IDC (Insulation Displacement Connector)	Stamping				■		■	■	■		■	■	■	■		■	■
	Plating				■		■*	■			■*	■*	■	■*		■	■*
	Stitching				■			■			■	■	■	■			
	Functional Test				■		■	■		■	■	■	■	■			
	Tests in Series Production				■		■	■		■	■	■	■	■		■	
	Non Vacuum Processes				■											■	
	Tempering															■	
Additional Processes	Flex Circuits										■						
	Broaching																■
	Cleanliness Testing				■		■	■	■	■	■	■	■	■		■	■
	Washing/Degreasing	■	■	■	■	■	■	■	■	■	■	■	■	■		■	■
Functional Tests	Hi-Pot, Electrical and Continuity				■			■		■	■	■	■	■		■	■
	Contact Pressure				■		■	■		■	■	■	■	■		■	■
	Automated Vision Inspection and Measurement				■		■	■			■	■	■	■	■	■	■
Laboratory Testing	Micro Contamination, Environmental, RoHS	■															
Traceability	Lot Traceability				■		■	■	■	■	■	■	■	■	■	■	■
	Part Traceability										■					■	
Others	Sales and Technical Office	■															









Interplex

[www.interplex.com](http://www.interplex.com)